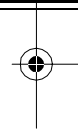Cat. No. 12-1607

OWNER'S MANUAL

Please read before using this equipment.
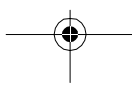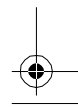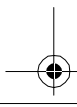
CHRONOMATIC-312

AM/FM LED Alarm Clock Radio

Radio Shack

Warning: To prevent fire or shock hazard, do not expose this product to rain or moisture.

⚡	**CAUTION**	⚠
	RISK OF ELECTRIC SHOCK. DO NOT OPEN.	

CAUTION: TO REDUCE THE RISK OF ELEC-TRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

⚡ This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.

⚠ This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

2

FEATURES

Your Radio Shack Chronomatic-312 AM/FM LED Alarm Clock Radio is a precision timepiece in a fun cube case.

It has these features:

Large Display — lets you easily read the clock display.

Choice of Alarms — lets you wake to the sound of a buzzer or the radio.

**Sleep Timer** — plays the radio for up to 1 hour and 59 minutes before it automatically turns off.
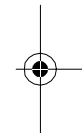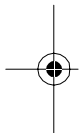
Snooze Feature — silences the alarm and sets it to sound again in about 9 minutes, so you can get a few extra minutes of sleep.

Battery Backup — keeps the clock running for up to 8 hours if power is interrupted.

3

Battery Sentinel — lets you know when the backup battery needs to be replaced.

Earphone Jack — lets you connect a monaural earphone to listen in privacy.

4
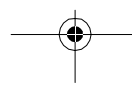
PREPARATION

CONNECTING POWER

Plug the clock radio's power cord into a standard AC outlet. The display flashes.

Note: The power cord's plug is polarized (one side is larger than the other). If it does not fit, turn it over. Do not force it.

INSTALLING THE BACKUP BATTERY

To keep the clock running during an AC power failure, install a 9-volt battery. We recommend an alkaline battery, such as Radio Shack Cat. No. 23-553.

5

Notes:

- To prevent unnecessary drain on the backup battery, plug in the AC power cord before you install the battery.

- The clock's display does not light while operating from battery backup power, but the clock keeps time for up to 8 hours.

- If the display flashes after a power failure, the battery is too low to run the clock. Replace the battery and reset the clock.

1. Press the latch on the battery compartment cover and slide the cover in the direction of the arrow and remove it.

2. Snap the battery into the battery terminals. Then put the battery in the compartment.
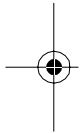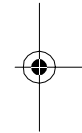
6

3. Replace the cover.

The BATTERY SENTINEL lights automatically if the battery needs to be replaced or is not installed.
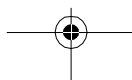
USING EARPHONES

To listen in privacy, turn **VOLUME** to its lowest setting and plug a monaural earphone with a $1/8$-inch plug into the **EAR-PHONE** jack. Your local Radio Shack store has a complete line of earphones.

Listening Safely

To protect your hearing, follow these guidelines when you use an earphone.

- Set the volume to the lowest setting before you begin listening. After you begin listening, adjust the volume to a comfortable level.

- Do not listen at extremely high volume levels. Extended high volume listening can lead to permanent hearing loss.

- Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

8
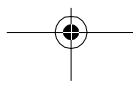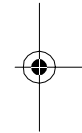
RADIO OPERATION

1. Set **VOLUME** counterclockwise to its minimum setting.

2. Set **ON/OFF/AUTO/ALARM** to **ON** to turn on the radio.

3. Set **AM/FM** to your desired band.

4. Adjust **VOLUME** as desired.

5. Adjust **TUNING** to tune to your desired station.

   Note: The radio has two antennas. The AM antenna is built-in. Rotate the radio for the best AM reception. For the best FM reception, fully extend the power cord which serves as the FM antenna.

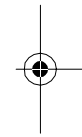6. Set **ON/OFF/AUTO/ALARM** to **OFF** to turn off the radio.

9
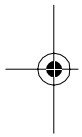
CLOCK OPERATION

SETTING THE TIME

1. Press and hold **TIME SET**.

2. Repeatedly press (or press and hold) **HOUR** to set the hour.

   Note: The PM indicator lights for a PM hour.

3. Repeatedly press (or press and hold) **MINUTE** to set the minutes.

4. Release **TIME SET**.

USING THE ALARM

To use the alarm, you must first set the alarm time and then turn on the alarm.

10

Setting the Alarm Time

1. Press and hold **ALARM SET**.

2. Repeatedly press (or press and hold) **HOUR** to set the alarm hour.

   Note: The PM indicator lights for a PM hour.

3. Repeatedly press (or press and hold) **MINUTE** to set the alarm minutes.
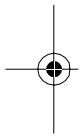
4. Release **ALARM SET**.

Notes:

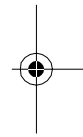- When you release **ALARM SET**, the current time returns to the display.

11

- To view the alarm time while the current time is displayed, press **ALARM SET.**

Turning the Alarm Buzzer/Radio On or Off

You can set your clock radio to either sound a buzzer or play the radio at the preset alarm time.

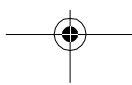To sound a buzzer, set **ON/OFF/AUTO/ALARM** to **ALARM**.

To play the radio, make sure the radio is tuned to your desired station. Then set **ON/OFF/AUTO/ALARM** to **AUTO**.

To turn off the buzzer or radio, set **ON/OFF/AUTO/ALARM** to **OFF** or press **ALARM SET**.

Notes:

- The   indicator on the lower left corner of the display lights when the alarm is turned on.

- If you do not turn off the alarm, the buzzer or radio sounds for 1 hour, 59 minutes.

- If you press **ALARM SET** to silence the alarm, the alarm sounds again the next day at the preset alarm time.

- If you set **ON/OFF/AUTO/ALARM** to **OFF** to silence the alarm, you must set it to **AUTO** or **ALARM** again to have the alarm sound the next day at the preset alarm time.

Using SNOOZE

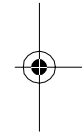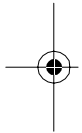To silence the alarm but have it sound again in about 9 minutes, press **SNOOZE**.

13

Notes:

- You can repeatedly press **SNOOZE** for up to 1 hour and 59 minutes. After 1 hour and 59 minutes, the alarm buzzer or radio does not come on again until the next day at the preset alarm time.

- If BATTERY SENTINEL lights when you press **SNOOZE**, the backup battery is getting low.

USING THE SLEEP TIMER

You can set the radio to play for up to 1 hour and 59 minutes and then automatically turn off.

To set the sleep timer, set **ON/OFF/AUTO/ALARM** to **OFF**, **AUTO**, or **ALARM**, then press **SLEEP**.
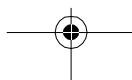
For a playing time of 59 minutes or less, press and hold down **SLEEP**. Then repeatedly press (or press and hold) **MINUTE** until the display shows the desired minute setting.

For a playing time between 1 hour and 1 hour, 59 minutes, press and hold down **SLEEP**. Then press **HOUR** until the sleep timer passes `0:00` and `1:59` shows on the display. Continue to hold down **SLEEP** and press **MINUTE** until the display shows the desired setting.
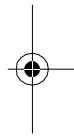
To turn off the sleep timer before it automatically turns off, press **SNOOZE**.
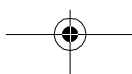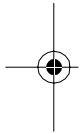
THE FCC WANTS YOU TO KNOW

Your Radio Shack Chronomatic-312 AM/FM LED Alarm Clock Radio might cause TV or radio interference even when it is operating properly. To determine whether your clock radio is causing the interference, turn it off. If the interference goes away, your clock radio is causing the interference. Try to eliminate the interference by:

- Moving your clock radio away from the receiver

- Contacting your local Radio Shack store for help
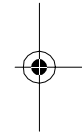
If you cannot eliminate the interference, the FCC requires that you stop using the clock radio.

MAINTENANCE

The following suggestions will help you care for your clock radio so you can enjoy it for years.

- Use only a fresh battery of the required size and type.

- Keep the clock radio dry. If it gets wet, wipe it dry immediately.

- Keep the clock radio away from dust and dirt.

- Use and store the clock radio only in normal temperature environments.

- Handle the clock radio gently and carefully.

- Wipe the clock radio with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the clock radio.

17
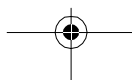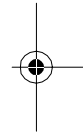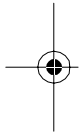
Modifying or tampering with the clock radio's internal com-
ponents can cause a malfunction and might invalidate its
warranty and void your FCC authorization to operate it. If
your clock radio is not performing as it should, take it to your
local Radio Shack store for assistance.

18
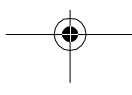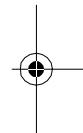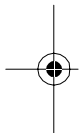
SPECIFICATIONS

BANDS

AM ....530-1710 kHz

FM... 88-108 MHz

Intermediate Frequency

AM...455 kHz

FM...10.7 MHz

GENERAL

Power Requirements .... 120 VAC, 60 Hz, 6 Watts

DC 9V Power Output ....250 mV

Speaker.................... 8 Ohms, 6.35 cms ($2^1/_2$ ins.), 0.5 Watts

Dimensions .... $4^1/_2$ ¥ $5^1/_8$ ¥ $4^1/_2$ Ins. (HWD)
(114 ¥ 130 ¥ 114 mm)

Weight............................... 1.7 lbs. (680 g) (Without Battery)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.


RADIO SHACK LIMITED WARRANTY

This product is warranted against defects for 90 days from date of purchase from Radio Shack company-owned stores and authorized Radio Shack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply **bring your Radio Shack sales slip** as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage.

EXCEPT AS PROVIDED HEREIN, RADIO SHACK MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

We Service What We Sell   *9/94*
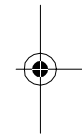
RADIO SHACK
A Division of Tandy Corporation
Fort Worth, Texas 76102